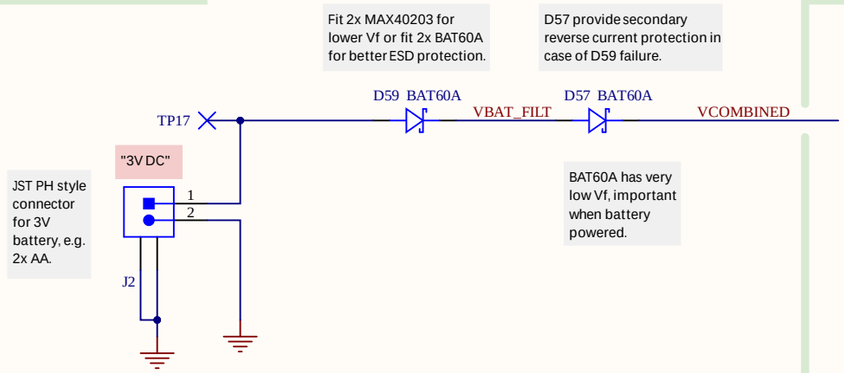
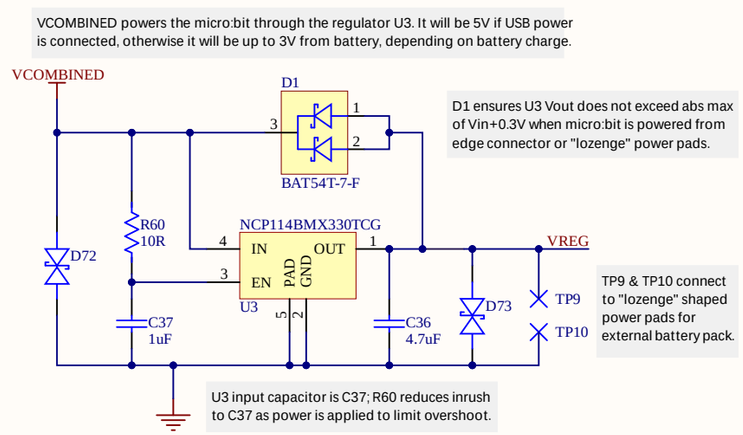
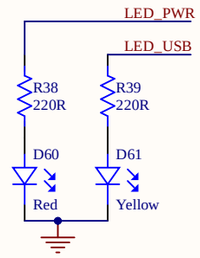
Battery connector



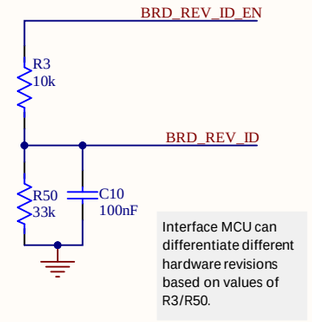
Regulator



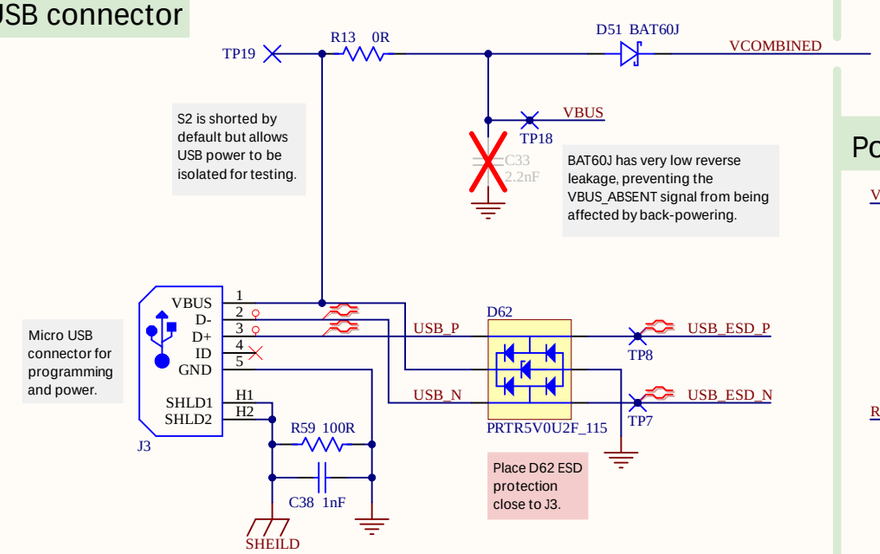
Interface LEDs



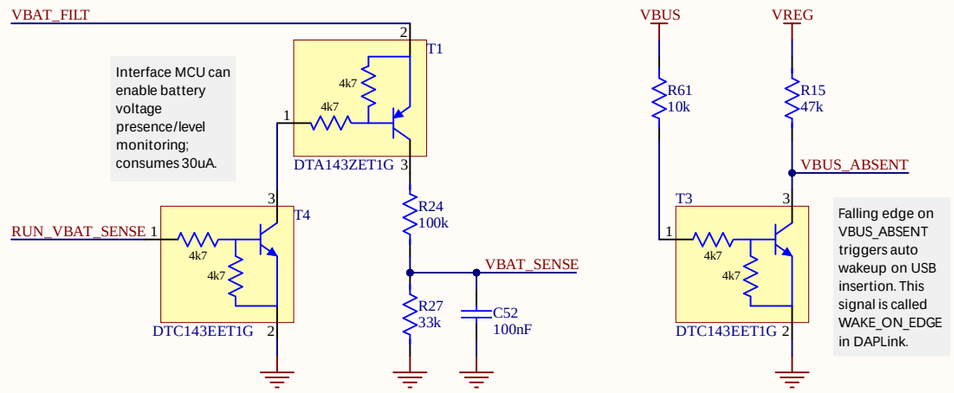
Hardware revision id



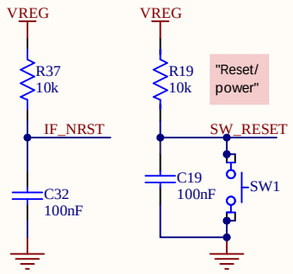
USB connector



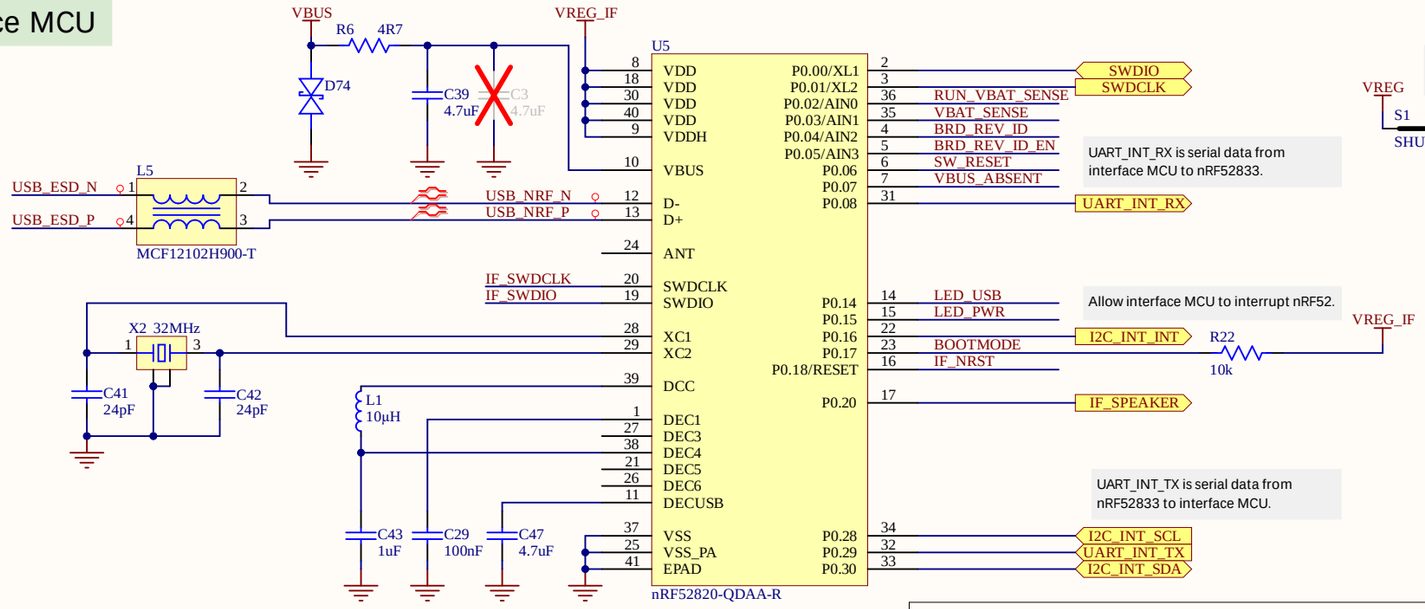
Power monitoring



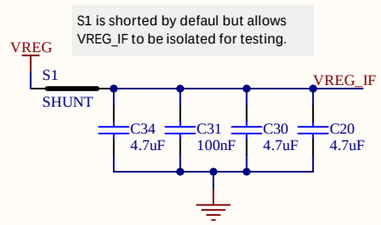
Reset

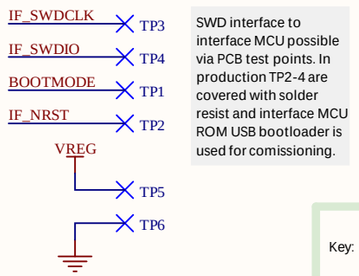


Interface MCU



Interface MCU debugging





Key:
- Silkscreen & layout notes
- Block name
- Design notes

Micro:bit Educational Foundation

DESCRIPTION: micro:bit V2 power supply and interface MCU USB interface

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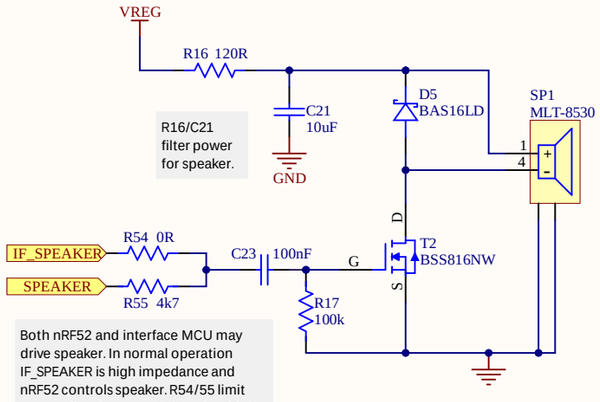
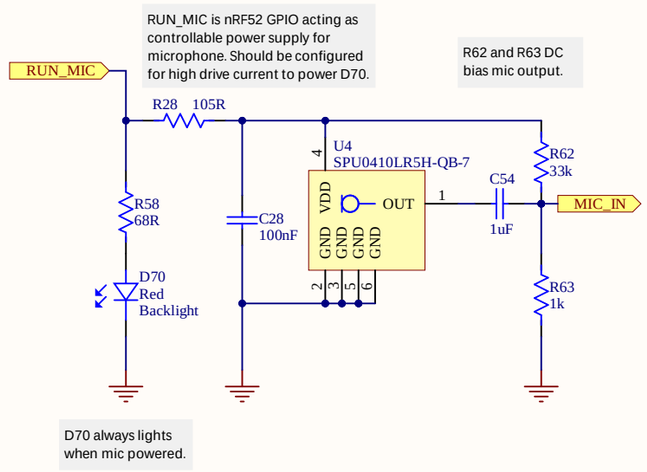
MicroBit_Sheet1.SchDoc	MicroBit.PrjPcb	Attribution-ShareAlike 4.0 International (CC BY-SA 4.0)	29.11.2021	1 OF 3	Steve	V2.2.1_nRF52820

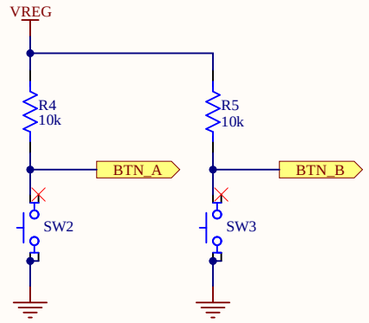
Speaker



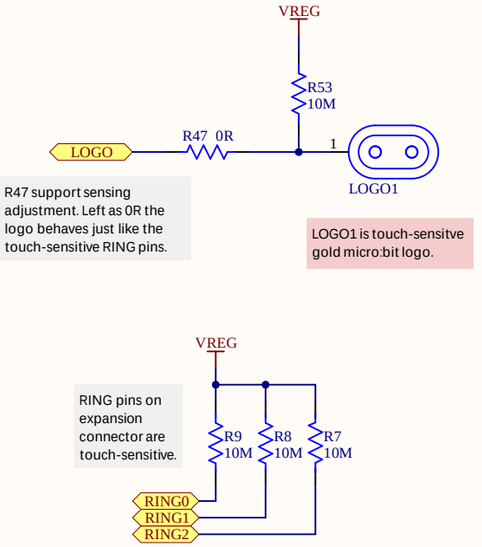
Microphone



Buttons

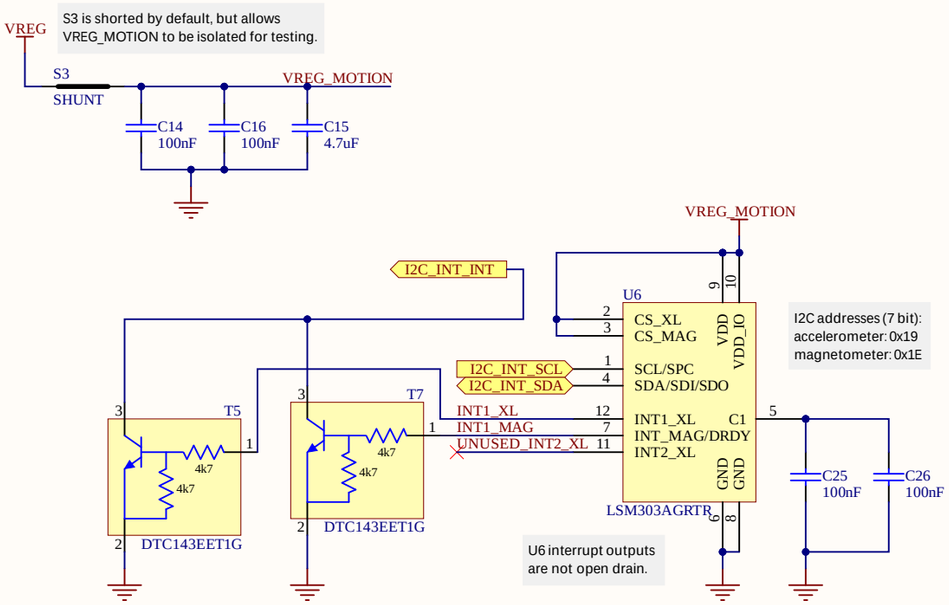


Touch sensing

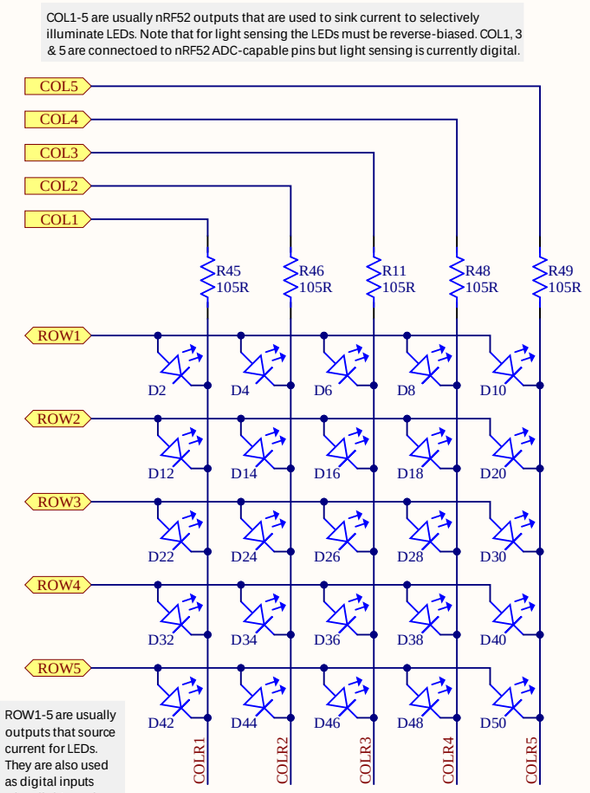


Motion sensor

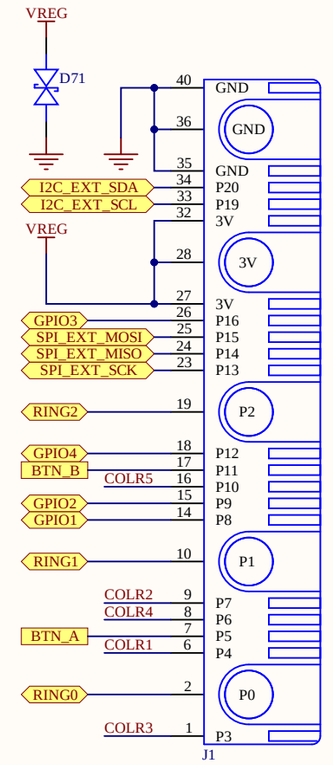
U1 & U6 are alternatives, fit one depending on availability.



LED matrix



Expansion connector



Micro:bit Educational Foundation

DESCRIPTION
micro:bit V2 input and output peripherals

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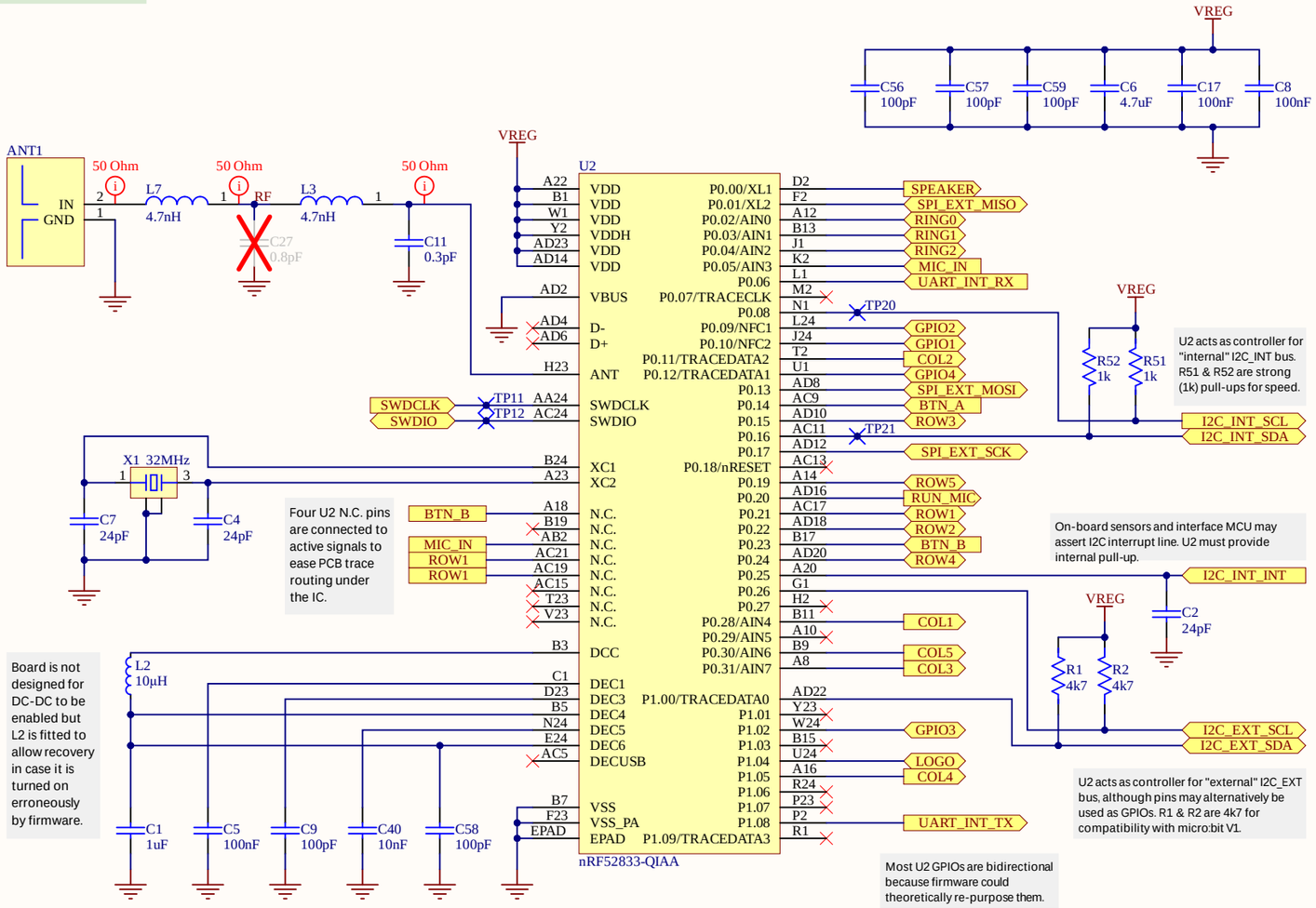
MicroBit_Sheet2.SchDoc	MicroBit.PrjPcb	Attribution-ShareAlike 4.0 International (CC BY-SA 4.0)	23.07.2021	2 OF 3	Steve	V2.2.1_nRF52820

Target MCU



Key:
- Silkscreen & layout notes
- Block name
- Design notes

Micro:bit Educational Foundation				DESCRIPTION	micro:bit V2 nRF52 target MCU
SHEET FILENAME MicroBit_Sheet3.SchDoc	PROJECT FILENAME MicroBit.PrjPcb	LICENCE Attribution-ShareAlike 4.0 International (CC BY-SA 4.0)	LAST MODIFIED 22.07.2021	PAGE 3 OF 3	DRAWN BY Steve	REVISION V2.2.1_nRF52820